Chin, Vivian

From:

Haklar, James

Sent:

Thursday, July 14, 2016 1:20 PM

To:

Finnegan, Ann; Chin, Vivian

Subject:

FW: Former Alcoa Building 12, Edgewater, NJ - Soil Stockpile

Attachments:

Waste Class for Soil Stockpile at Alcoa Edgewater.pdf

Follow Up Flag:

Follow up

Flag Status:

Flagged

O.K. - the PCB results are over 50 ppm.

From: Keith Gagnon, LSRP Consulting [mailto:kgagnon@lsrpconsulting.com]

Sent: Thursday, July 14, 2016 11:54 AM
To: Haklar, James < Haklar. James@epa.gov>

Subject: RE: Former Alcoa Building 12, Edgewater, NJ - Soil Stockpile

The stockpile waste class sampling results are attached. I was not on-site when the pile was first generated, so I'm not 100% positive there's a liner under the pile, but based on how well they've kept the pile covered with plastic, I expect they placed a liner under the pile.

From: Haklar, James [mailto:Haklar.James@epa.gov]

Sent: Thursday, July 14, 2016 11:48 AM

To: Keith Gagnon, LSRP Consulting

Subject: Re: Former Alcoa Building 12, Edgewater, NJ - Soil Stockpile

Thanks Keith. Can you please send us the analytical results for the pile. Also, you mentioned that the pile is covered. Does it have a liner that it's sitting on?

Jim

From: Keith Gagnon, LSRP Consulting < kgagnon@lsrpconsulting.com >

Sent: Thursday, July 14, 2016 11:18:22 AM

To: Haklar, James

Subject: Former Alcoa Building 12, Edgewater, NJ - Soil Stockpile

Jim, as requested, I am providing you with the following information regarding the soil stockpile at the former Alcoa Building 12 in Edgewater, New Jersey:

- The soil stockpile was initially generated during October 2015.
- The soils originated from excavations for utility lines/piping and for the installation of wall footings from various locations at the property, and includes sediment from the two stormwater manholes.
- The majority of the soils were added to the stockpile between October 2015 and February 2016.
- The stockpile is approximately 450 cubic yards and has been covered with plastic.
- The soil will be disposed of at a TSCA-approved landfill.
- Waste class samples were collected and analyzed during February 2016.
- The initial disposal proposal was received during February 2016.
- Additional disposal proposals were requested during July 2016.

• A disposal contractor will be chosen and the removal/disposal of the stockpile will begin late July/early August 2016.

Keith

Keith Gagnon, LSRP
LSRP Consulting LLC

11 Lake Michigan Drive, Little Egg Harbor Twp, NJ 08087
908-419-7918 • kgagnon@lsrpconsulting.com
www.lsrpconsulting.com

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roclor 1248	ug/kg	79700		65200	-	81300	-	55100	
roclor 1254	ug/kg	ND (22)		ND (22)	-	ND (20)	•	ND (20)	-
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Sulfide Reactivity	mg/kg	<110	-	<110		<110	-	<110	
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2-Butanone (MEK) Carbon tetrachloride Chlorobenzene	mg/l mg/l mg/l	-	ND (0.028) ND (0.0011) ND (0.00093)		ND (0.028) ND (0.0011) ND (0.00093)	-	-	-	
2-Butanone (MEK) Carbon tetrachloride Chlorobenzene Chloroform	mg/l mg/l mg/l mg/l	-	ND (0.028) ND (0.0011) ND (0.00093) ND (0.00094)		ND (0.028) ND (0.0011) ND (0.00093) ND (0.00094)		-	-	-
2-Butanone (MEK) Carbon tetrachloride Chlorobenzene Chloroform 1.4-Dichlorobenzene	mg/l mg/l mg/l mg/l		ND (0.028) ND (0.0011) ND (0.00093) ND (0.00094) ND (0.0014)		ND (0.028) ND (0.0011) ND (0.00093) ND (0.00094) ND (0.0014)		-	-	-
2-Butanone (MEK) Carbon tetrachloride Chlorobenzene Chloroform .4-Dichlorobenzene .2-Dichloroethane	mg/l mg/l mg/l mg/l mg/l		ND (0.028) ND (0.0011) ND (0.00093) ND (0.00094) ND (0.0014) ND (0.00090)		ND (0.028) ND (0.0011) ND (0.00093) ND (0.00094) ND (0.0014) ND (0.00090)		-	-	-
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2-Butanone (MEK) Carbon tetrachloride Chlorobenzene Chloroform A-Dichlorobenzene 2-Dichloroethane 1,1-Dichloroethene Fetrachloroethene Frichloroethene	mg/l mg/l mg/l mg/l mg/l mg/l mg/l		ND (0.028) ND (0.0011) ND (0.00093) ND (0.00094) ND (0.0014) ND (0.00090) ND (0.0026) ND (0.0020)	-	ND (0.028) ND (0.0011) ND (0.00093) ND (0.00094) ND (0.0014) ND (0.00090) ND (0.0026) ND (0.0020)	-			
2-Butanone (MEK) Carbon tetrachloride Chlorobenzene Chloroform A-Dichlorobenzene J-Dichloroethane J-Dichloroethene Fetrachloroethene Vinyl chloride	mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l		ND (0.028) ND (0.0011) ND (0.00093) ND (0.00094) ND (0.00094) ND (0.00090) ND (0.0026) ND (0.0020) ND (0.00211)		ND (0.028) ND (0.0011) ND (0.00093) ND (0.00094) ND (0.00094) ND (0.00090) ND (0.0026) ND (0.0020) ND (0.0011)		-		-
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2-Butanone (MEK) Carbon tetrachloride Chlorobenzene Chlorobenzene 1,4-Dichlorobenzene 1,2-Dichloroethane 1,1-Dichloroethene Tetrachloroethene Trichloroethene Vinyl chloride 2-Methylphenol 3&4-Methylphenol 24,4-5-Trichlorophenol 2,4,5-Trichlorophenol 1,4-Dichlorobenzene 2,4-Dinitrotoluene Hexachlorobenzene Hyridine	mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l		ND (0.028) ND (0.0011) ND (0.00093) ND (0.00094) ND (0.00094) ND (0.00090) ND (0.0026) ND (0.0026) ND (0.00274) ND (0.00074)	ND (0.0082) ND (0.0087) ND (0.0067) ND (0.014) ND (0.015) ND (0.0042) ND (0.0026) ND (0.0042) ND (0.0036) ND (0.0036) ND (0.0046) ND (0.0046) ND (0.0027)	ND (0.028) ND (0.0011) ND (0.00094) ND (0.00094) ND (0.00090) ND (0.00090) ND (0.00091) ND (0.00091) ND (0.00011) ND (0.00074)				
2-Butanone (MEK) Carbon tetrachloride Chlorobenzene Chlorobenzene 1,4-Dichlorobenzene 1,2-Dichloroethane 1,1-Dichloroethene Fetrachloroethene Firchloroethene Vinyl chloride 2-Methylphenol 3&4-Methylphenol 2-4,5-Trichlorophenol 2,4,5-Trichlorophenol 1,4-Dichlorobenzene 2,4-Dinitrotoluene Hexachlorobenzene Hexachlorobenzene Hexachloroethane Nitrobenzene Pyridine Metals Analysis Arsenic	mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l		ND (0.028) ND (0.0011) ND (0.00093) ND (0.00094) ND (0.00090) ND (0.00090) ND (0.00091) ND (0.0011) ND (0.00074)	ND (0.0082) ND (0.0087) ND (0.0067) ND (0.014) ND (0.015) ND (0.0015) ND (0.0023) ND (0.0042) ND (0.0042) ND (0.0042) ND (0.0045) ND (0.0045) ND (0.0046) ND (0.0027)	ND (0.028) ND (0.0013) ND (0.00094) ND (0.00094) ND (0.00099) ND (0.00090) ND (0.00091) ND (0.00011) ND (0.00074)				
2-Butanone (MEK) Carbon tetrachloride Chilorobenzene Chloroform 1,4-Dichlorobenzene 1,1-Dichloroethane 1,1-Dichloroethene Tetrachloroethene Trichloroethene Trichlorophenol 2,4-5-Trichlorophenol 2,4-5-Trichlorophenol 1,4-Dichlorobenzene 1,4-Dinitrotoluene Hexachlorobenzene Hexachloroethane Nitrobenzene Pyridine Metals Analysis Arsenic Barium	mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l		ND (0.028) ND (0.0011) ND (0.00093) ND (0.00094) ND (0.00094) ND (0.00090) ND (0.0020) ND (0.0020) ND (0.0011) ND (0.00074)	ND (0.0082) ND (0.0087) ND (0.0067) ND (0.014) ND (0.014) ND (0.0023) ND (0.0026) ND (0.0026) ND (0.0022) ND (0.0042) ND (0.0042) ND (0.0046) ND (0.0027)	ND (0.028) ND (0.0011) ND (0.00094) ND (0.00094) ND (0.00090) ND (0.00090) ND (0.00091) ND (0.00091) ND (0.00011) ND (0.00074)				
2-Butanone (MEK) Carbon tetrachloride Chlorobenzene Chlorobenzene 1,4-Dichlorobenzene 1,2-Dichloroethane 1,1-Dichloroethene Tetrachloroethene Trichloroethene Vinyl chloride 2-Methylphenol 3&4-Methylphenol 2,4-Diritrolorophenol 2,4-5-Trichlorophenol 1,4-Dichlorobenzene 2,4-Dinitrotoluene Hexachlorobenzene Hexachlorobenzene Pyridine Metals Analysis Arsenic Barium Cadmium	mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l		ND (0.028) ND (0.0011) ND (0.00093) ND (0.00094) ND (0.00090) ND (0.00090) ND (0.00091) ND (0.0011) ND (0.00074)	ND (0.0082) ND (0.0087) ND (0.0067) ND (0.014) ND (0.015) ND (0.0015) ND (0.0023) ND (0.0042) ND (0.0042) ND (0.0042) ND (0.0045) ND (0.0045) ND (0.0046) ND (0.0027)	ND (0.028) ND (0.0011) ND (0.00094) ND (0.00094) ND (0.00094) ND (0.00090) ND (0.0020) ND (0.0020) ND (0.00074) ND (0.00074)				
2-Butanone (MEK) Carbon tetrachloride Chlorobenzene Chlorobenzene 1,4-Dichlorobenzene 1,2-Dichloroethane 1,1-Dichloroethene Tetrachloroethene Trichloroethene Vinyl chloride 2-Methylphenol 3&4-Methylphenol 2,4-Diritrolorophenol 2,4-5-Trichlorophenol 1,4-Dichlorobenzene 2,4-Dinitrotoluene Hexachlorobenzene Hexachlorobenzene Pyridine Metals Analysis Arsenic Barium Cadmium	mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l		ND (0.028) ND (0.0011) ND (0.00093) ND (0.00094) ND (0.00094) ND (0.00090) ND (0.0020) ND (0.0020) ND (0.00011) ND (0.00074)	ND (0.0082) ND (0.0082) ND (0.0067) ND (0.014) ND (0.015) ND (0.0042) ND (0.0023) ND (0.0026) ND (0.0042) ND (0.0036) ND (0.0027) ND (0.0027) <a href="mailto:square: square: square:</td><td>ND (0.028) ND (0.0011) ND (0.00093) ND (0.00094) ND (0.00094) ND (0.00090) ND (0.0026) ND (0.0020) ND (0.0011) ND (0.00074)</td><td></td><td></td><td></td><td></td></tr><tr><td>Mercury</td><td>mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l</td><td></td><td>ND (0.028) ND (0.0011) ND (0.00094) ND (0.00094) ND (0.00094) ND (0.00090) ND (0.0020) ND (0.0020) ND (0.0011) ND (0.00074)</td><td>ND (0.0082) ND (0.0082) ND (0.0067) ND (0.014) ND (0.014) ND (0.0023) ND (0.0026) ND (0.0026) ND (0.0022) ND (0.0022) ND (0.0027) <a href=" mailto:square:="" squ<="" square:="" td=""><td>ND (0.028) ND (0.0011) ND (0.00094) ND (0.00094) ND (0.00094) ND (0.00090) ND (0.0020) ND (0.0020) ND (0.00074) </td><td></td><td></td><td></td><td></td>	ND (0.028) ND (0.0011) ND (0.00094) ND (0.00094) ND (0.00094) ND (0.00090) ND (0.0020) ND (0.0020) ND (0.00074)				
2-Butanone (MEK) Carbon tetrachloride Chlorobenzene Chlorobenzene 1,4-Dichlorobenzene 1,2-Dichloroethane 1,1-Dichloroethene Trichloroethene Trichloroethene Trichloroethene Trichloroethene 3-8-Methylphenol 3-8-Methylphenol 2-Methylphenol 2-Methylphenol 3-4-Trichlorophenol 2,4,5-Trichlorophenol 1,4-Dichlorobenzene 2,4-Dinitrotoluene Hexachlorobenzene Hexachlorobenzene Pyridine Metals Analysis Arsenic Barium Cadmium Chromium Lead	mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l		ND (0.028) ND (0.0011) ND (0.00094) ND (0.00094) ND (0.00096) ND (0.00096) ND (0.00097) ND (0.00011) ND (0.00074)	ND (0.0082) ND (0.0082) ND (0.0067) ND (0.014) ND (0.015) ND (0.0042) ND (0.0023) ND (0.0026) ND (0.0042) ND (0.0036) ND (0.0027) ND (0.0027)					